

Figure 1

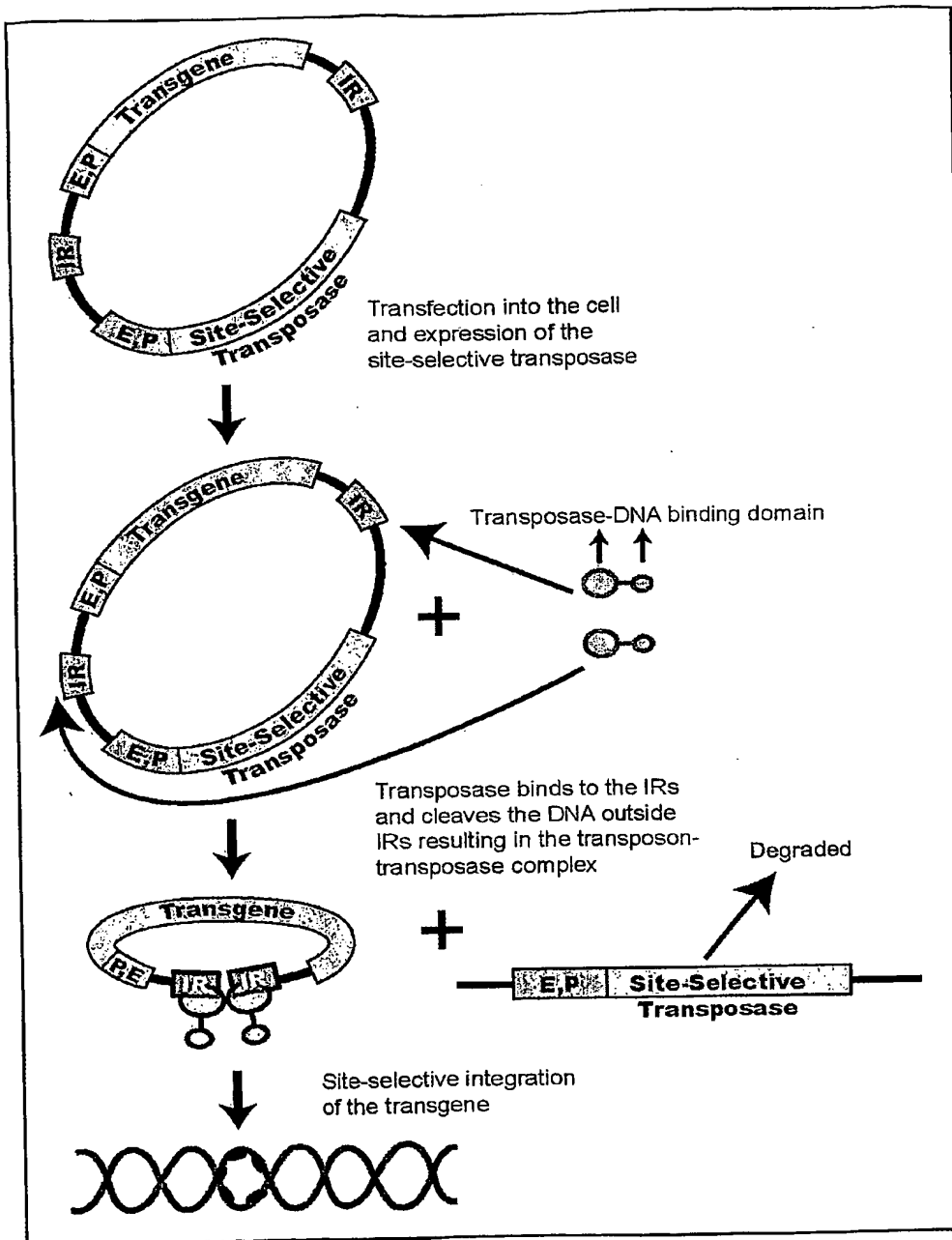


Figure 2

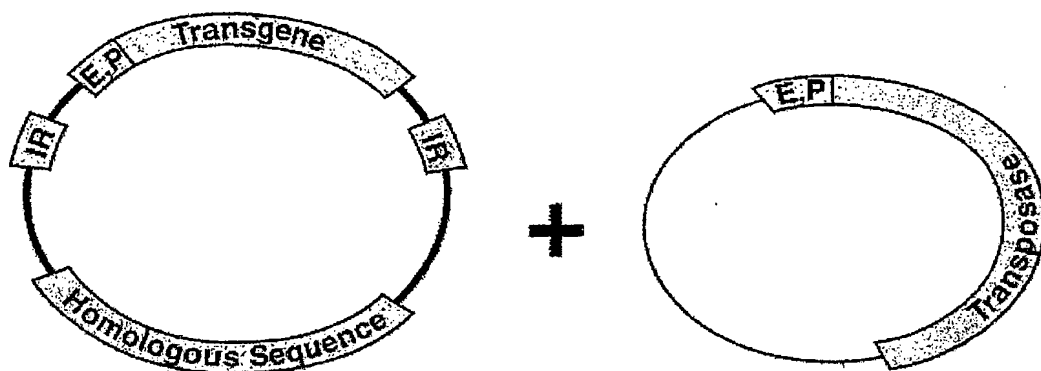


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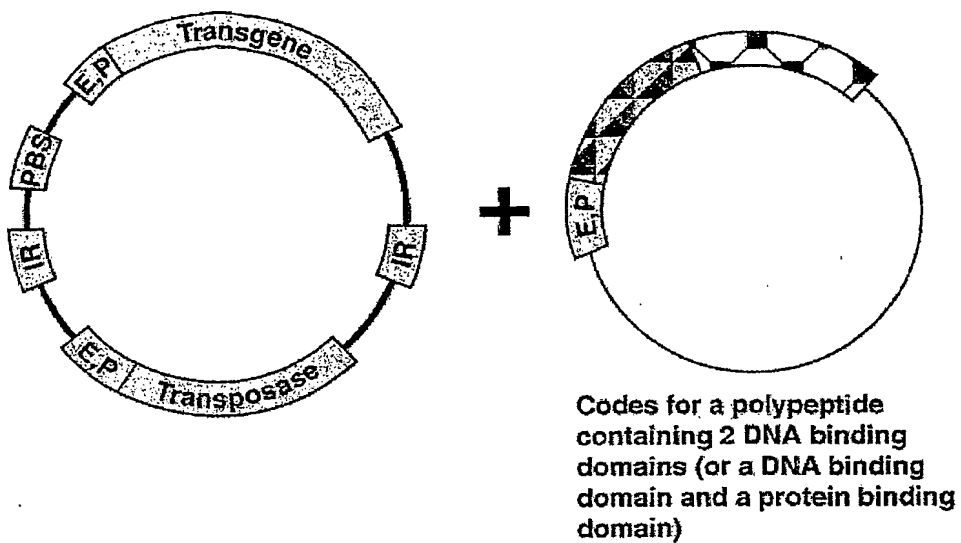


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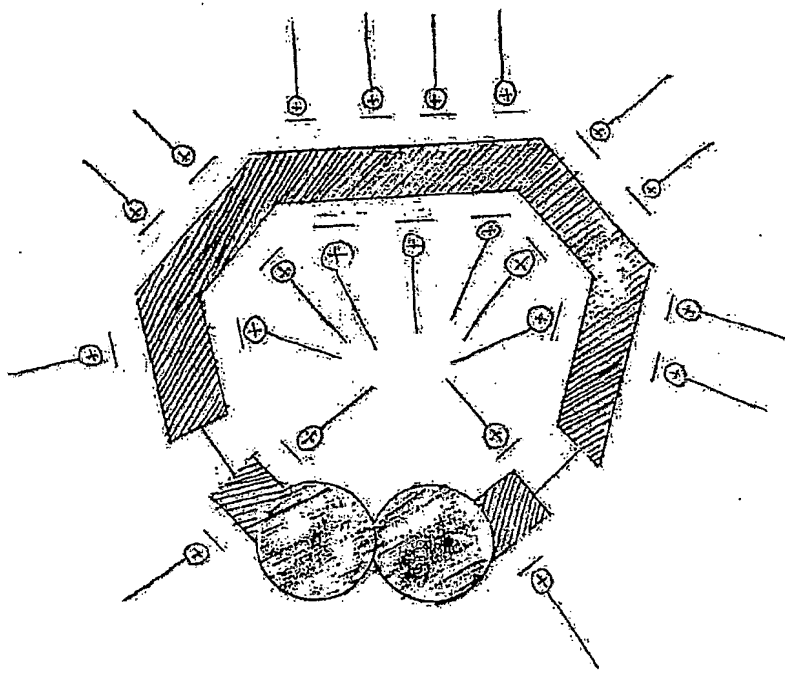


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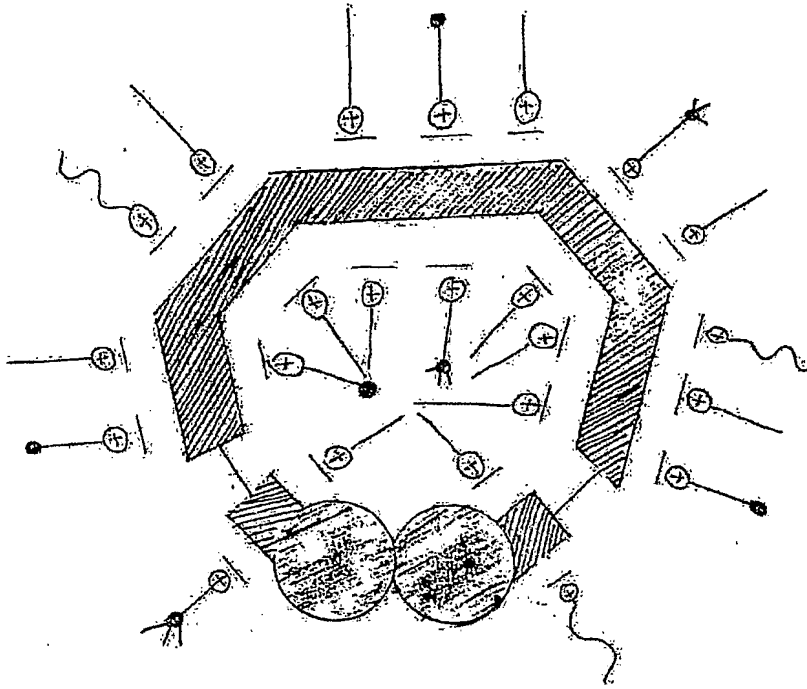


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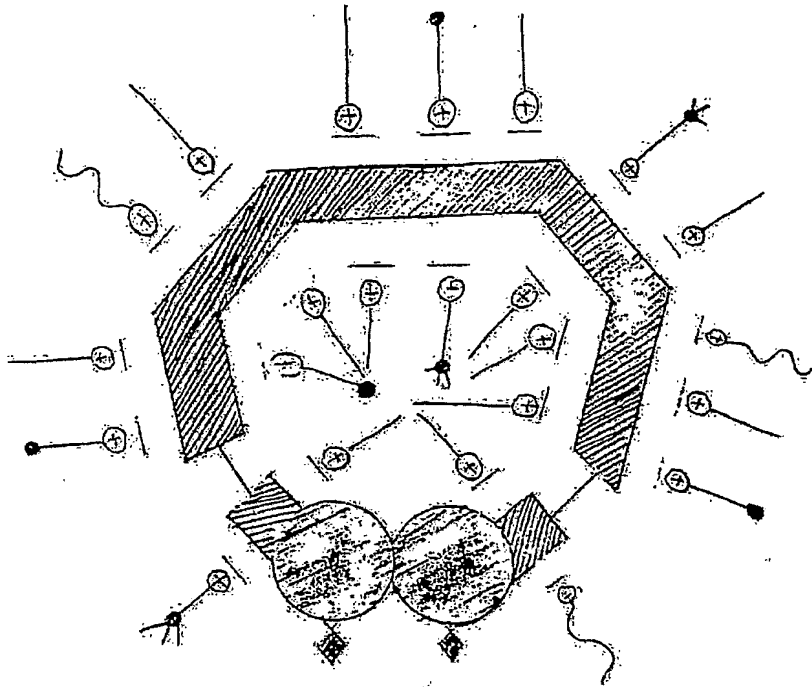


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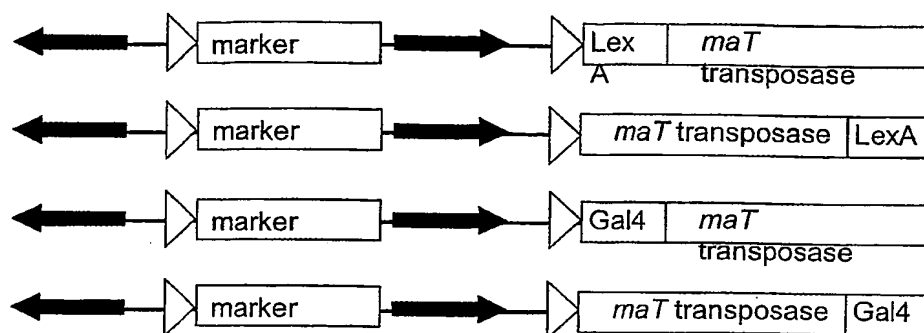
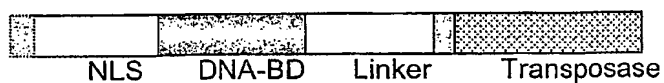


Figure 8

NLS – Nuclear Localization Signal

DNA-BD – DNA binding domain from Gal4 or LexA protein

Linker – Flexible stretch of amino acids

Transposase – *Mos1* or *piggyBac* transposase

Figure 9

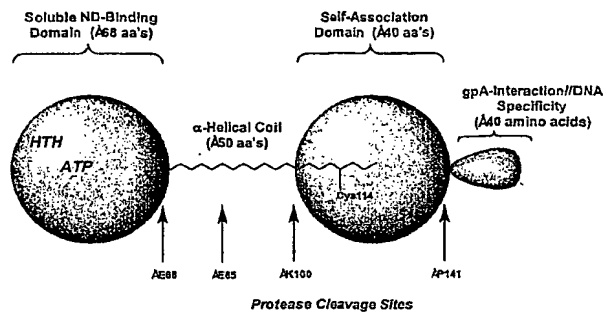


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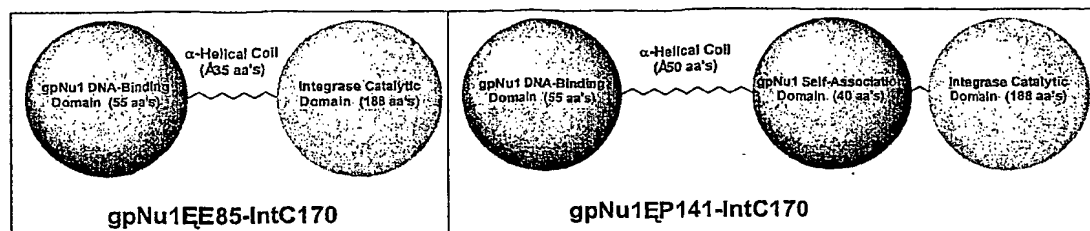


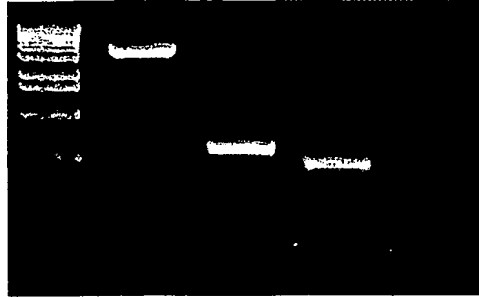
Figure 11

Figure 12

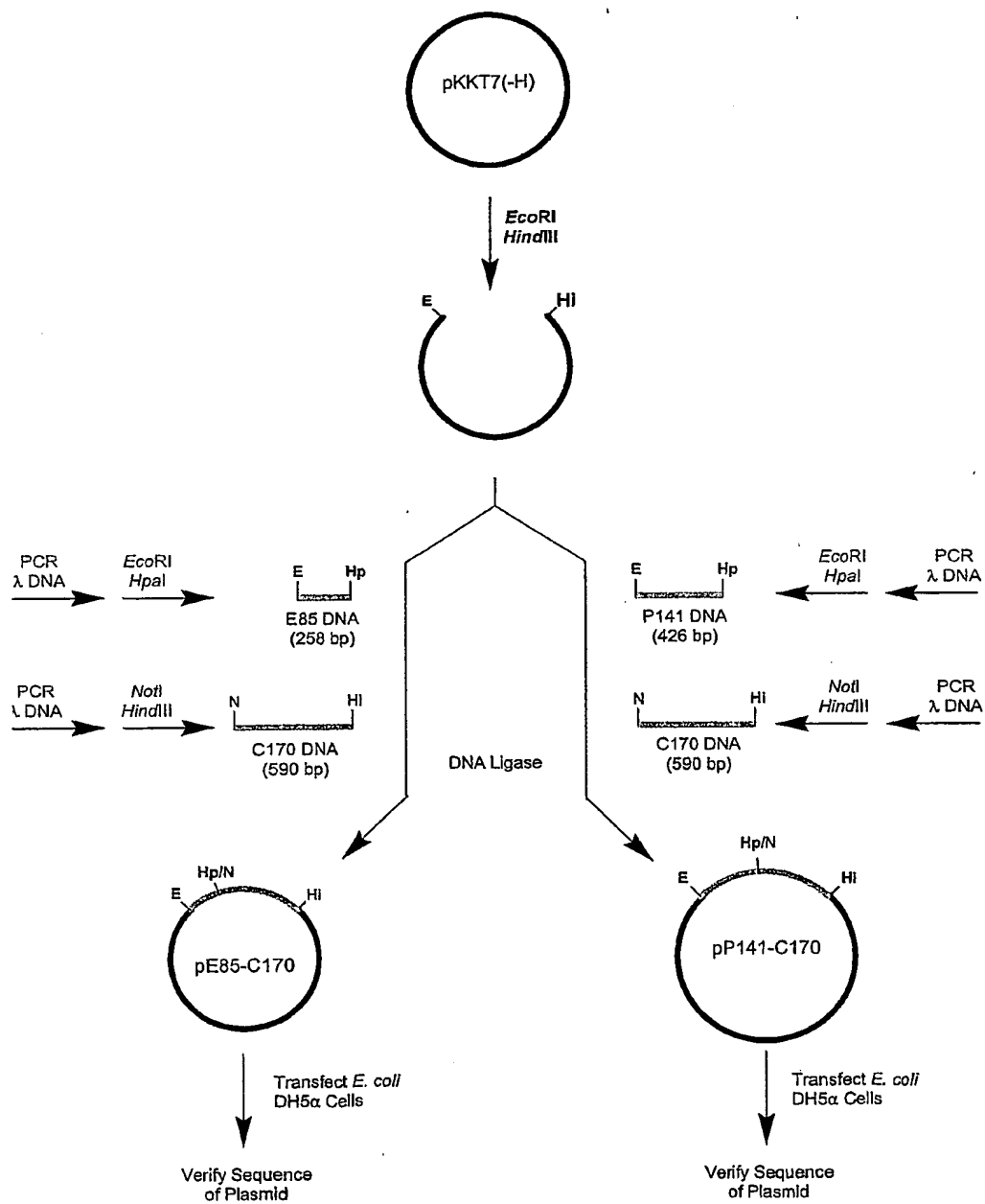
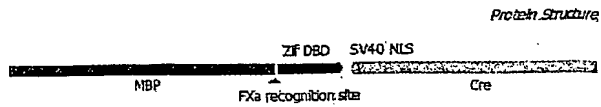


Figure 13

protein components:

MBP	E. coli maltose binding protein
Zif DBD	Zif 268 DNA binding domain
Fxa	recognition signal for factor Xa protease
SV40 NLS	SV40 large T antigen nuclear localisation signal
Cre	bacteriophage P1 Cre protein

Figure 14

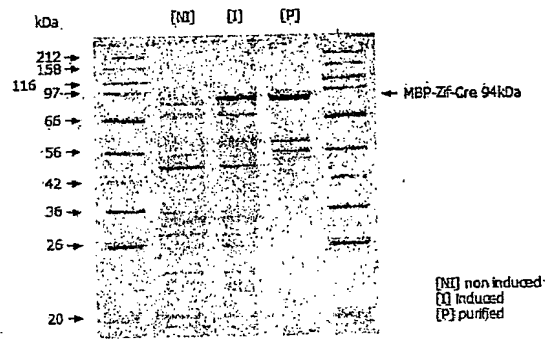


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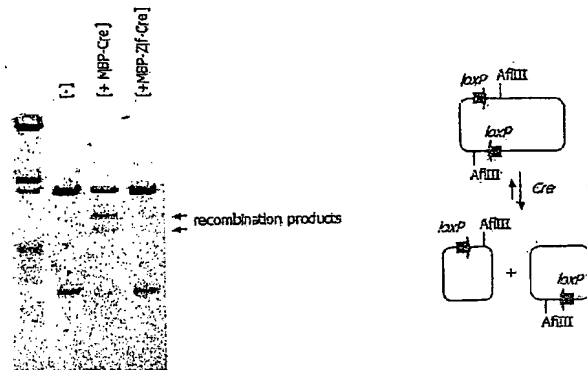


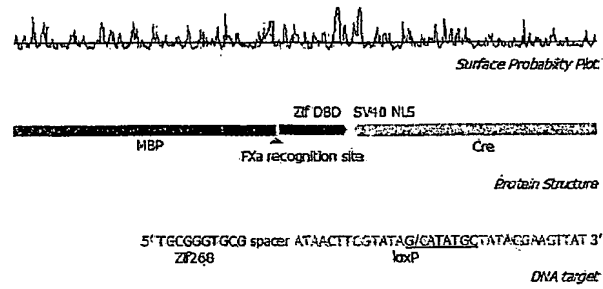
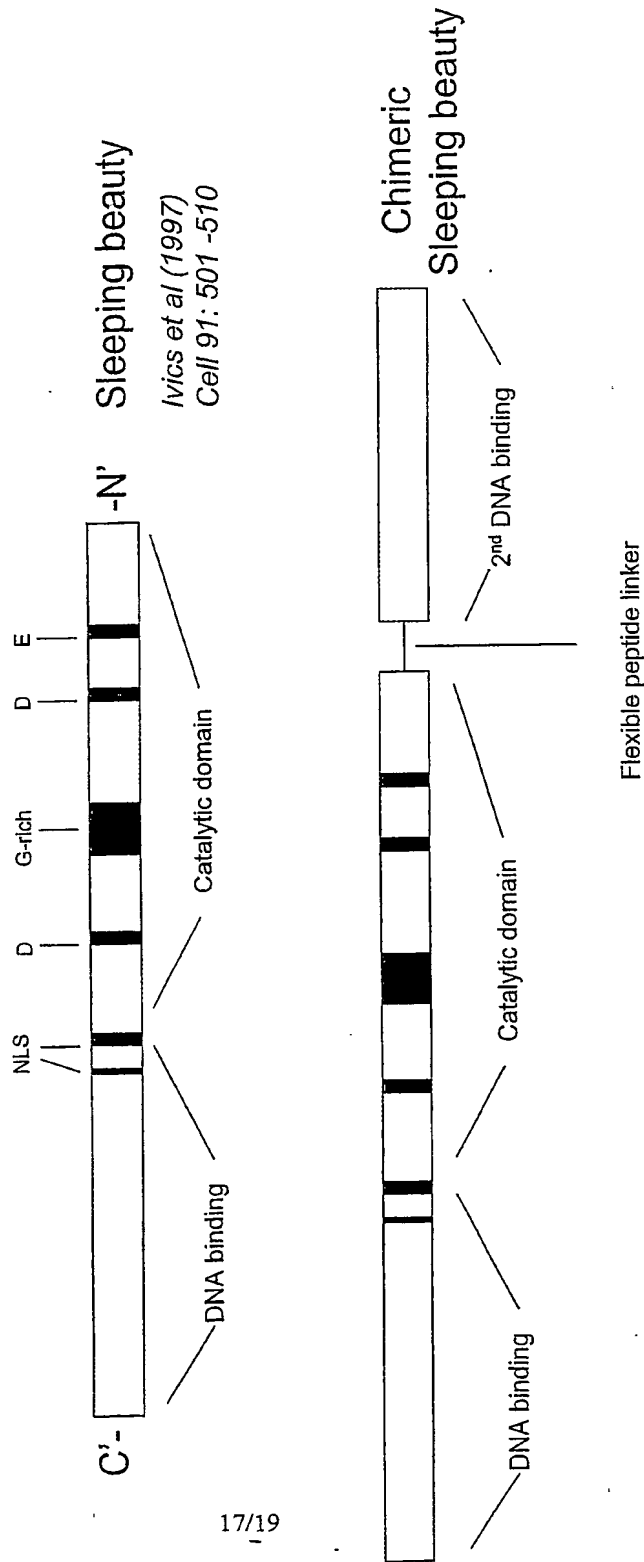
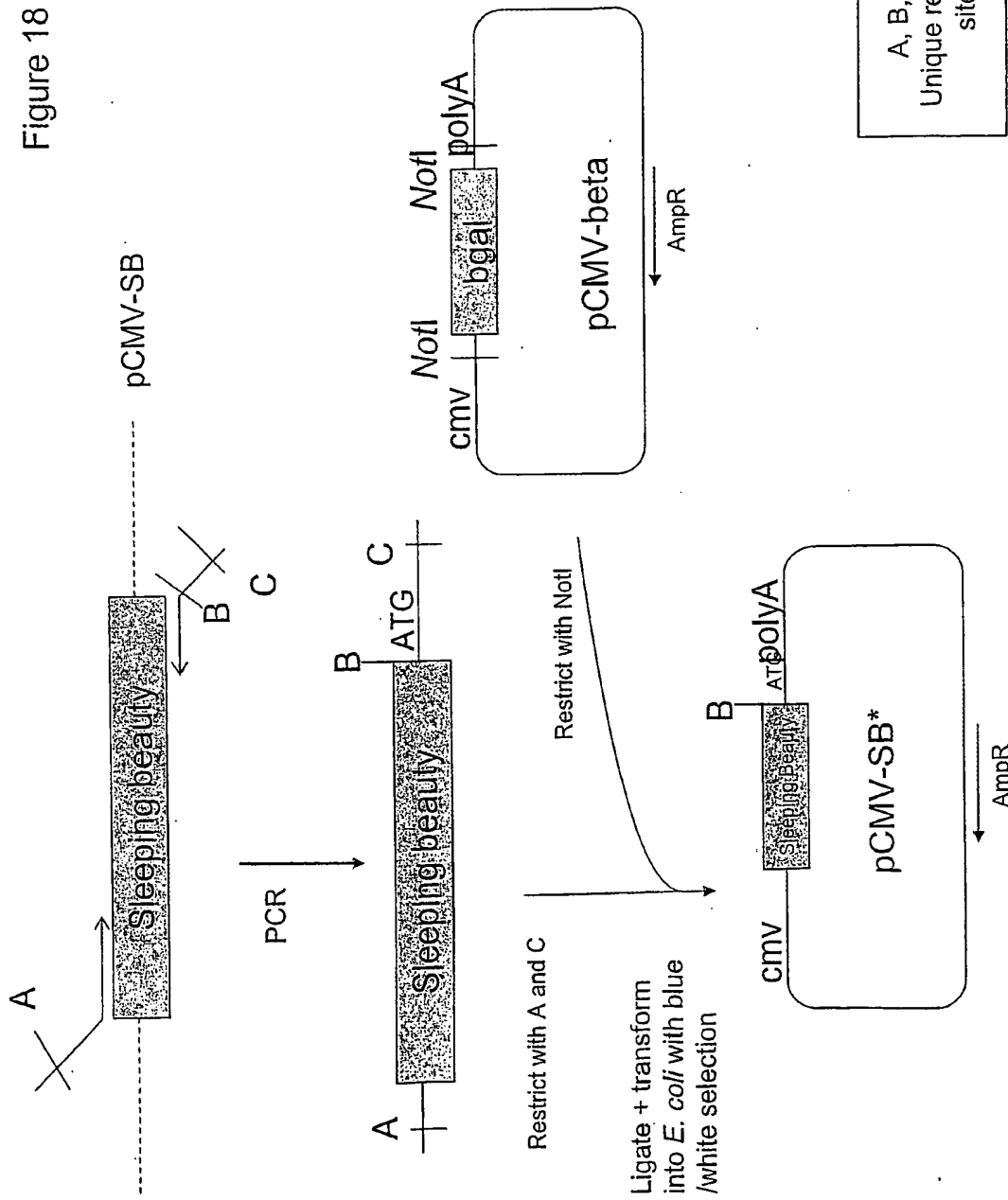
Figure 16

Figure 17



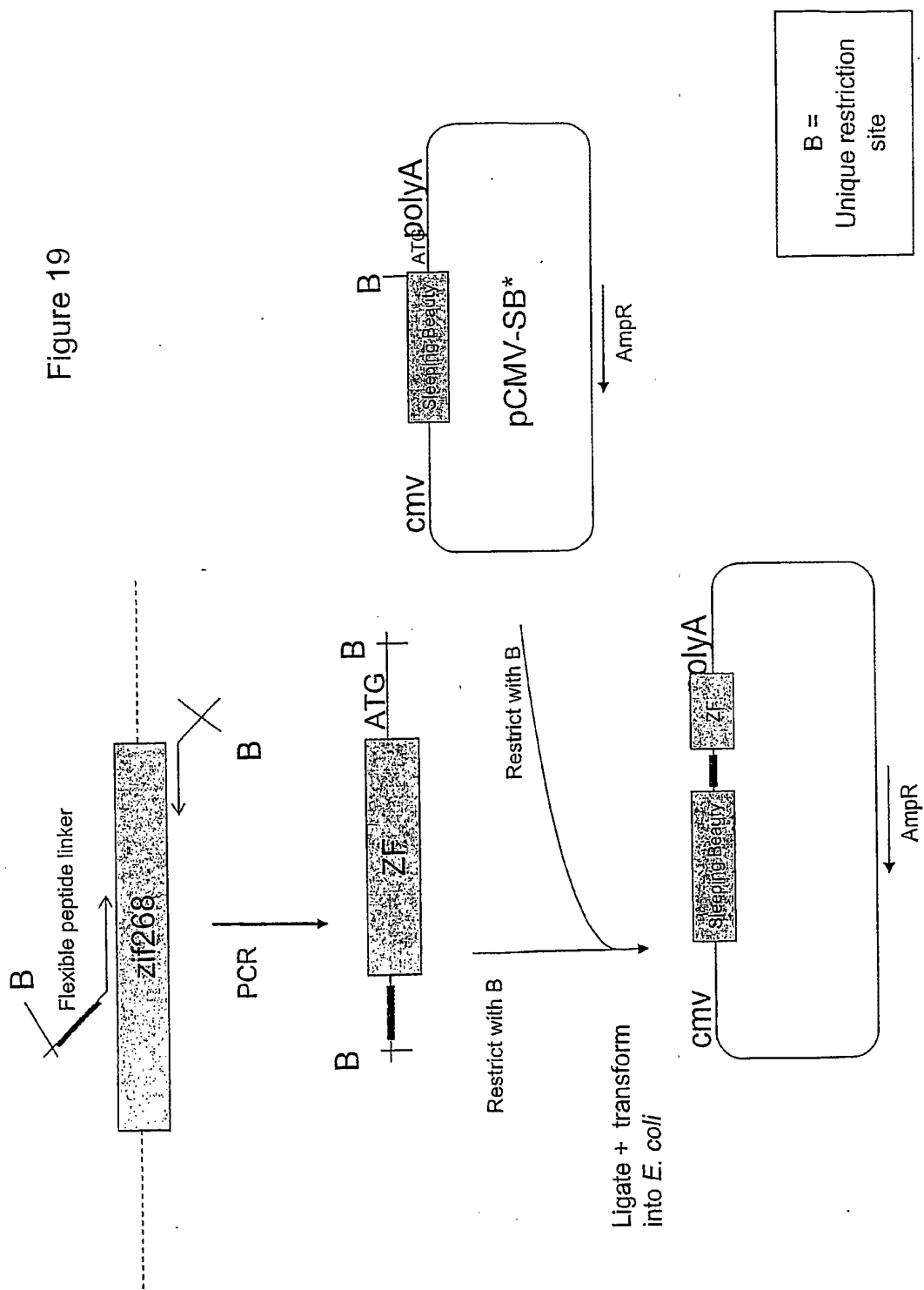
Strategy to make pCMV-SB*

Figure 18



Strategy to make pSB-L-ZF

Figure 19



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